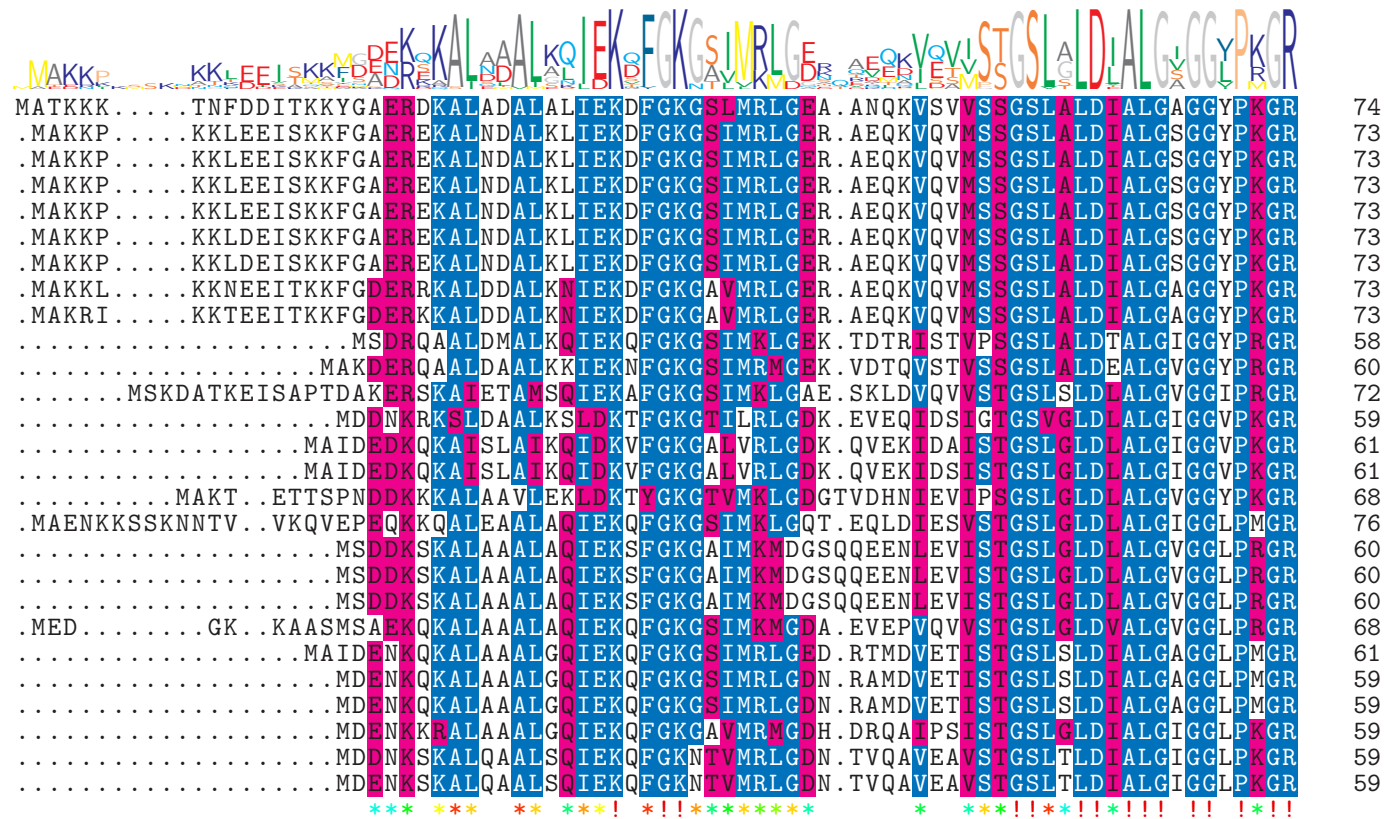


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NTDB id 159 SP RS09750 WP 001085462.1
NTDB id 527 SMSK321 RS11065 WP 001085454.1
NTDB id 499 SM12261 RS08315 WP 078228268.1
NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
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NTDB id 625 LCA RS02525 WP 011374196.1
NTDB id 1313 DR RS12030 WP 010888966.1
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NTDB id 1334 RAOC RS04870 WP 004918236.1
NTDB id 1389 A4U84 RS07560 WP 021112712.1
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEETT	ASKTKAKAKKEEKAVETEEIELELED	387	
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKKDE	...PKKEEA..VNEEVPLDLGDELEIE	385	
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKKDE	...PKKEEA..VNEEVPLDLGDELEIE	385	
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKKDE	...PKKEEA..VNEEVPLDLGDELEIE	385	
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKKDE	...PKKEEA..VNEEVPLDLGDELEIE	385	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYLADNPEVFAE	IDHQVRVQFGL	IDGEEAAE	...SKKDE...VAQVDS..VNEEVTLDLGDELEIE	381	
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYLADNPEIF	DEIDHQVRVQFGL	IDGEEIAE	...SKKDE...AAQVDS..VNEEVTLDLGDELEIE	381	
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEEEESAMAVASE	E.....TDDLALDLNNGIEIE	377	
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVRVQYGL	IEEDNTEEEKQSSKEK	ETDEK..ADKNLVLELDDTIELE	382	
NTDB id 115 BSU 16940 NP 389576.2	EERLGGG	RENAKQFLKENKDIMLMIQE	QIREHYGL	DNNGVVQQAEETQEEL	..EFE.E.....	348	
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQG	RENAKNYLADHEDVE	DEVRLKVRVQYGL	ISDVPEEDLPTTEDE	..QI..NILPDDST.....EE.....	355	
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQG	KEKTIAIYIAERPEMEQE	IRDRVMAAIRAGNAGEAPALAPAPAA	..PEAAEA.....		363	
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGGG	RENAKALLKEDKALADEITLK	IKESIGS	NEEIMPLPDEP	..LE.EME.....	347	
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGGG	RENAKALLKEDKALADEITLK	IKESIGS	NEEIMPLPDEP	..LE.EME.....	347	
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGGG	RDITVKELIKDNPELAELEAKI	IREKLQAK			343	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQG	KNNAVKWLKENPEIADKLEQE	IRNTLASNPNSVLKATAS	..D...SNDES	DVEEFSEEE..L.....	372	
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NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQG	RDNCREFLRENAELAREIENK	VREHLGVTPMGAVTLAE	..VE.ED.....		352	
NTDB id 274774 A6D68 RS26705 WP 002914769.1	GDKIGQG	KANAITWLKENPAAAKEIEKKV	RELLLNQDAKPD	..FV..VD.GNDAEETE	QDF.....	352	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQG	KANACKYLLKENPEIAKTLDK	KLREMLLNPENMQLI	..AE.....	TSSAADDVEFGAVPEEF.....	354	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQG	KANACKYLLKENPEIAKTLDK	KLREMLLNPENMQLI	..AE.....	TSSAADDVEFGAVPEEF.....	354	
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQG	KANAAYLEENPEIGQIEEQ	IRAKLLVTSANTKA	..TP..VA.EDLADADI		347	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQG	KNNVIRYLEENPQISTEIEAV	IREQLLT	TKASDQTA	..A...HD.ETEEEPDLLES	349	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQG	KNNVIRYFEENNQIAEEIERN	IREQLLT	TGTNGAV	..Q...I..EDEEEDLLES	349	
consensus	***!!!	*****	**	*****	*****	**	*

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NTDB id 159 SP RS09750 WP 001085462.1	IEE	388	
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	...	349	
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consensus			

-  non conserved
-  similar
-  ≥ 50% conserved